

# **Your first electronic signature project**

## **from theory to action plan**



**What are electronic signatures?**

## What is an electronic signature?

To build an electronic signature infrastructure (ESI) , we have :

- Policy Authority (PA)
- Certificate Authorities (CA)
- Agencies
- Subscribers
- Relying Parties



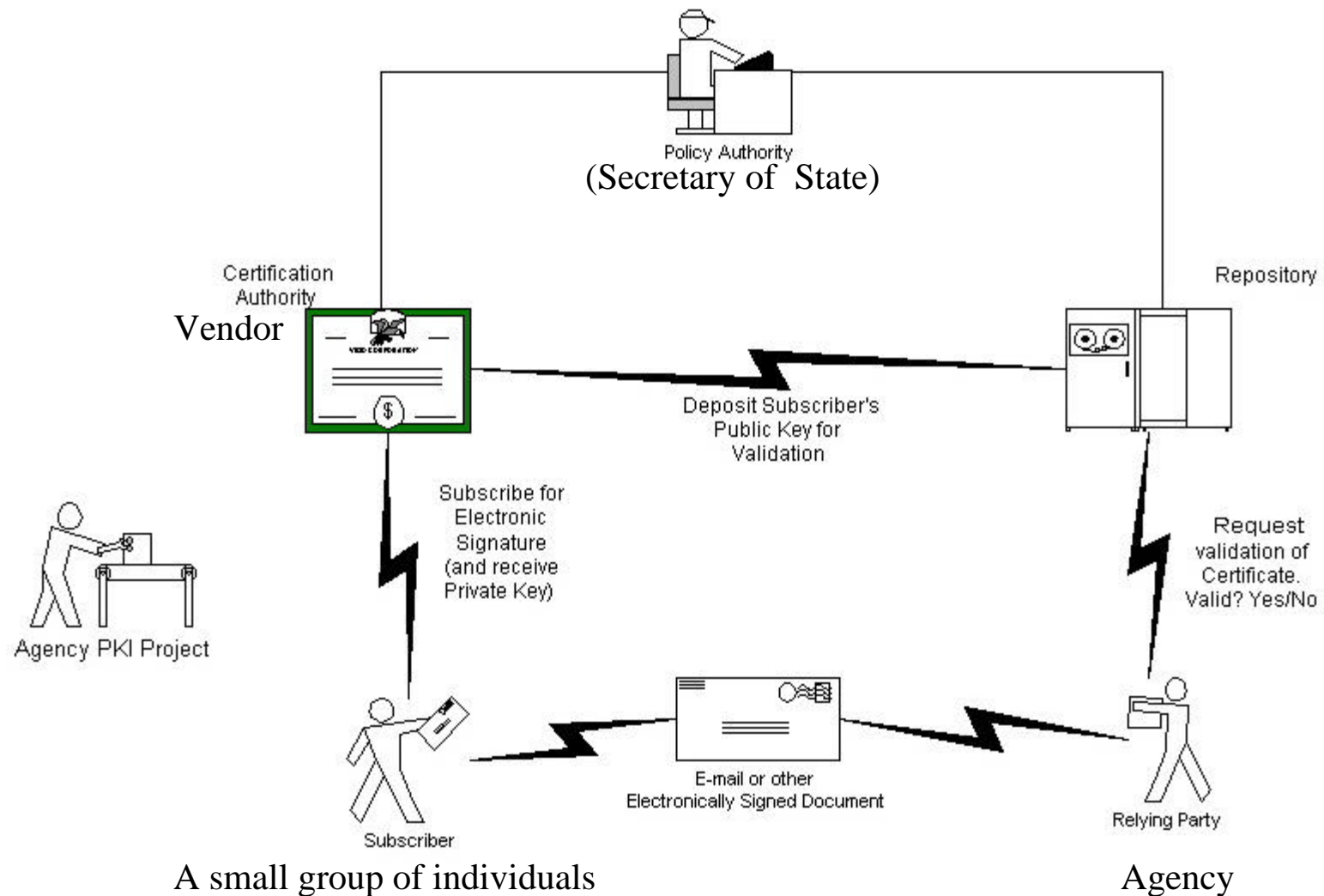
## What is an electronic signature?

Within an electronic signature infrastructure (ESI):

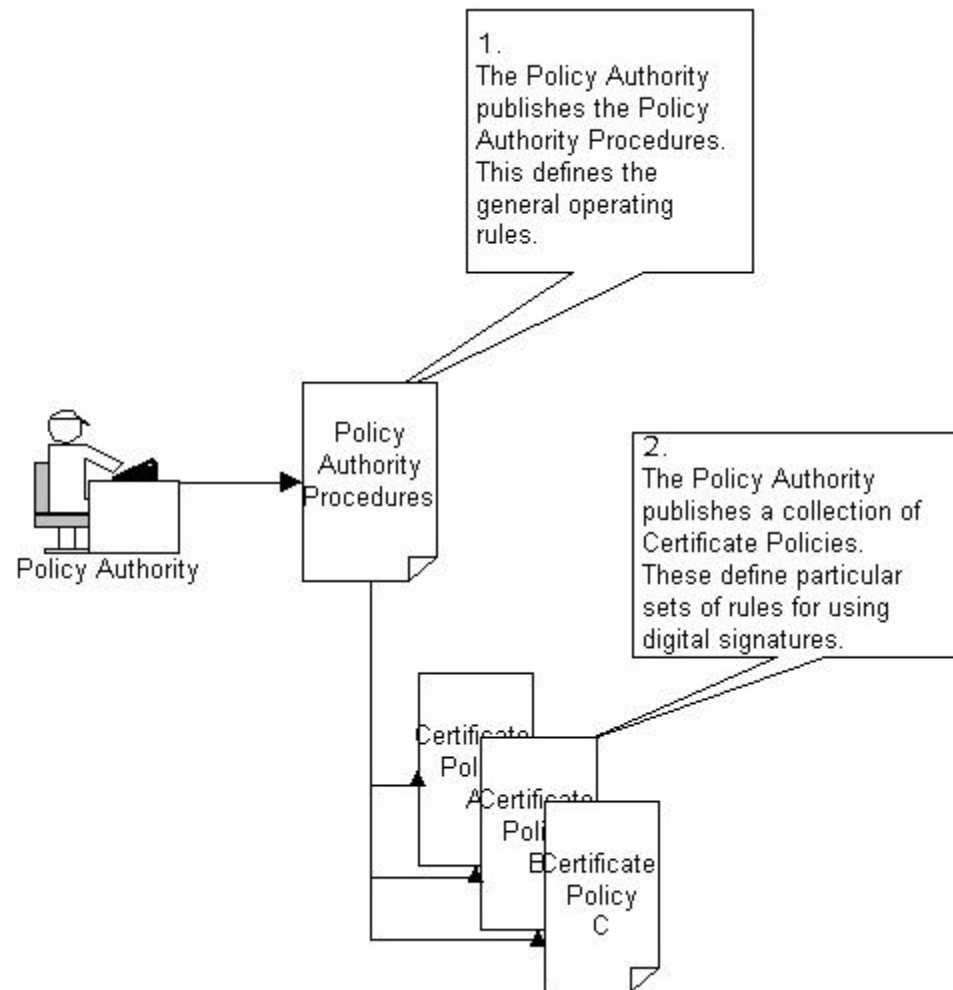
- Policy Authority (PA) establishes the ground rules
- Certificate Authorities (CA) are approved by the PA.
- Agency contracts with the CA for ESI services.
- Certificate Authority (CA) registers the subscribers & issues digital certificates.
- Subscriber gets a digital certificate to create electronic signatures  
(& software/hardware for its use).
- Relying Party verifies the electronic signature received from the subscriber (using appropriate software).

# What is an electronic signature?

## The Roles in Electronic Signature Use

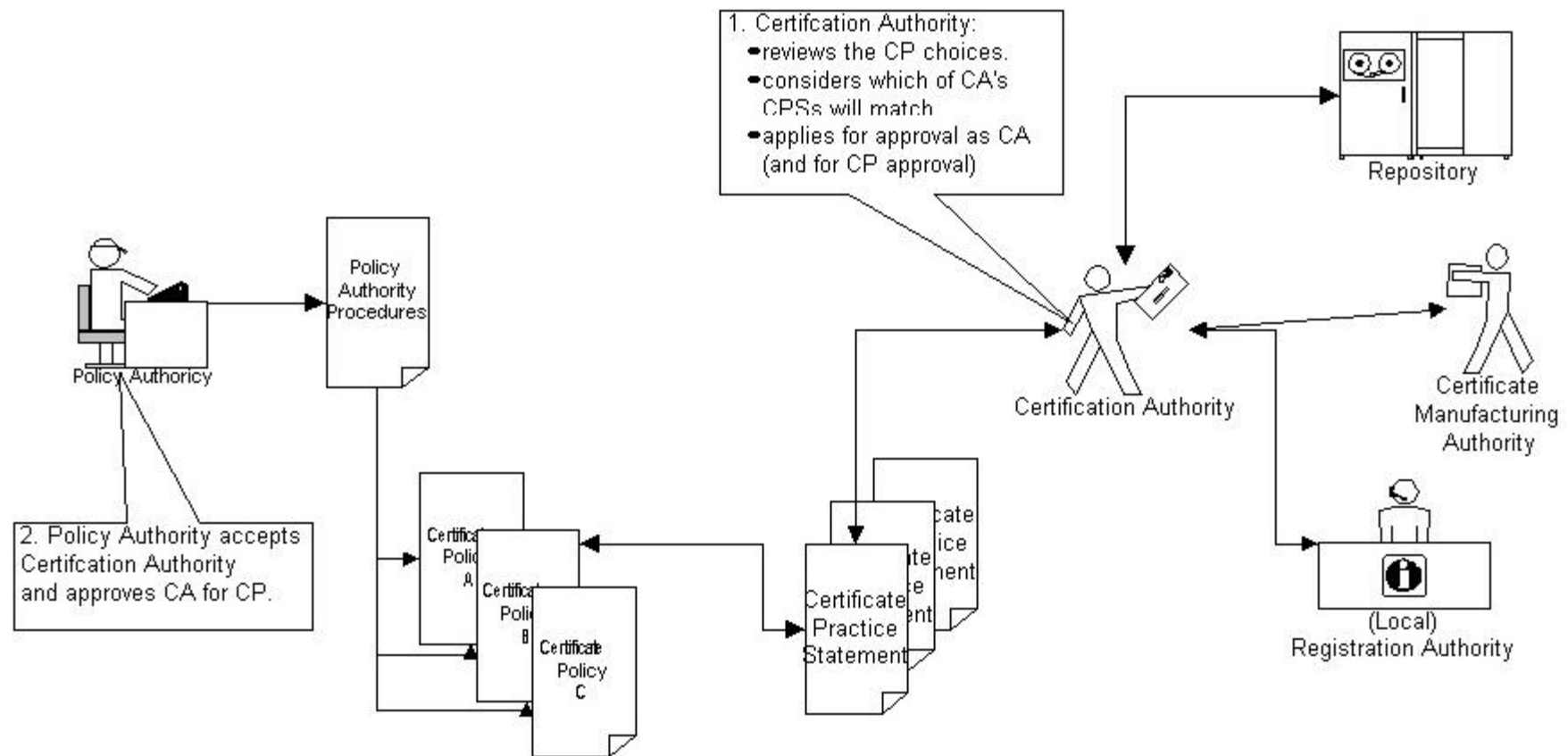


## What is an electronic signature?



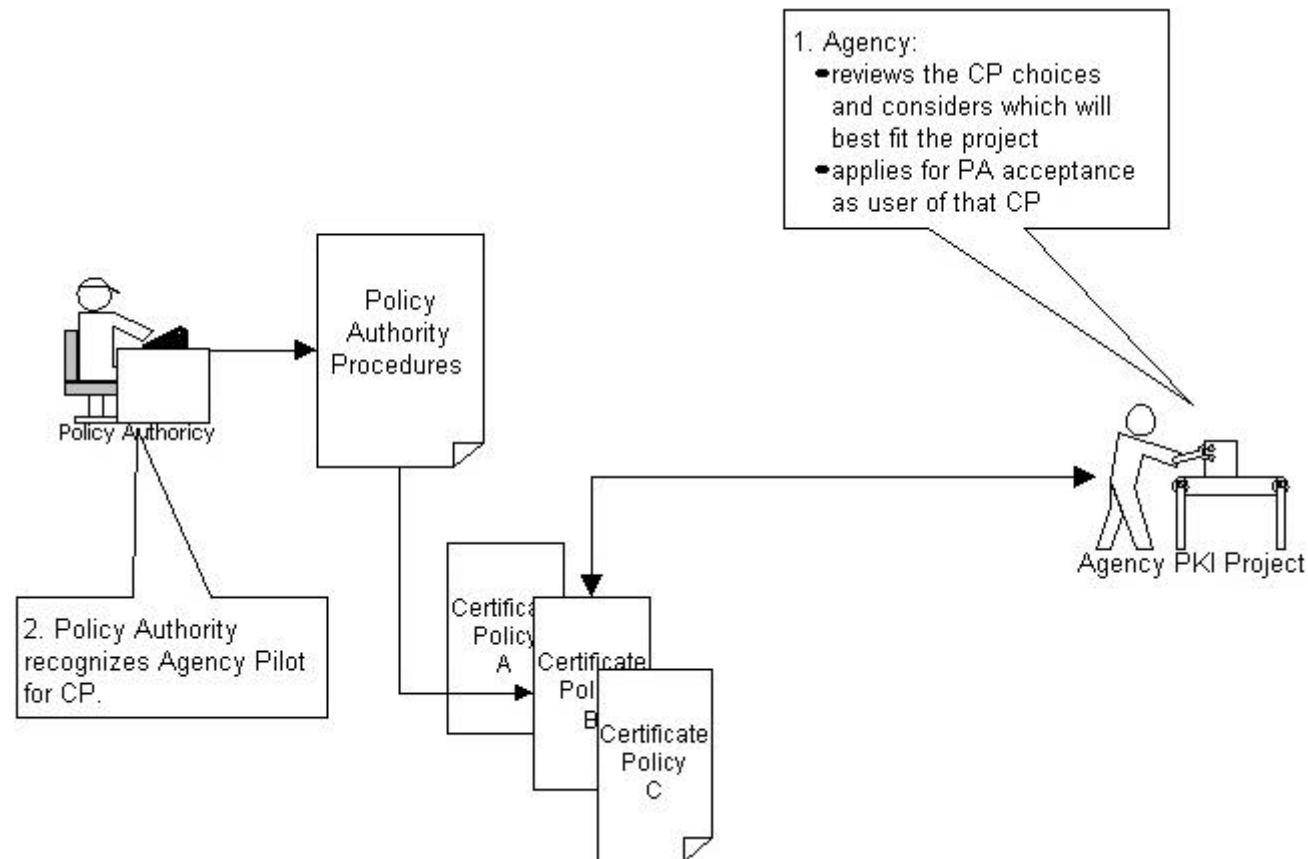
Policy Authority defines a collection of specific Certificate Policies (CP).  
(CP is a service delivery specification)

## What is an electronic signature?



Policy Authority accepts the Certificate Authority and the Certificate Authority contracts for the specific CP.

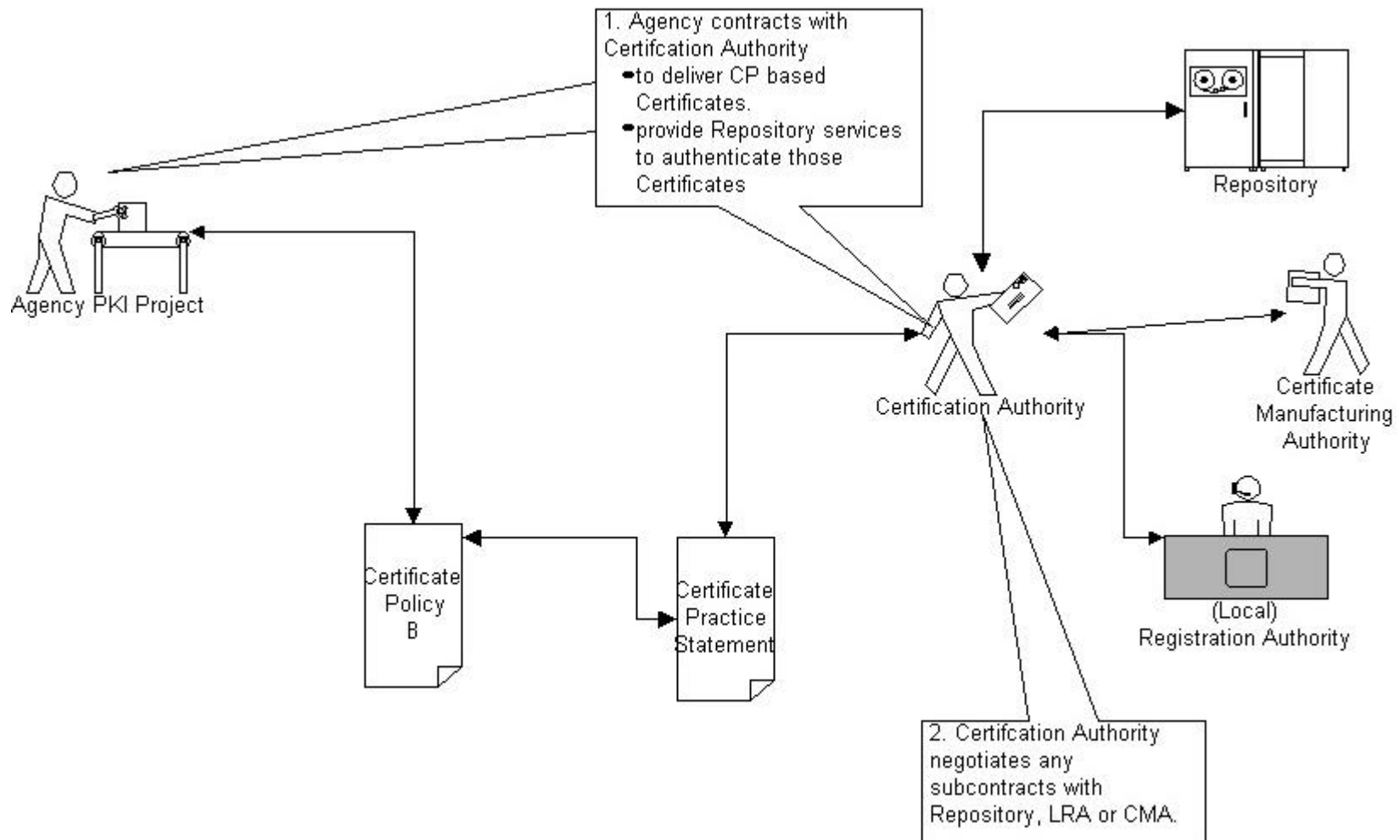
# What is an electronic signature?



Policy Authority recognizes the Agency Project for the specific CP.

# What is an electronic signature?

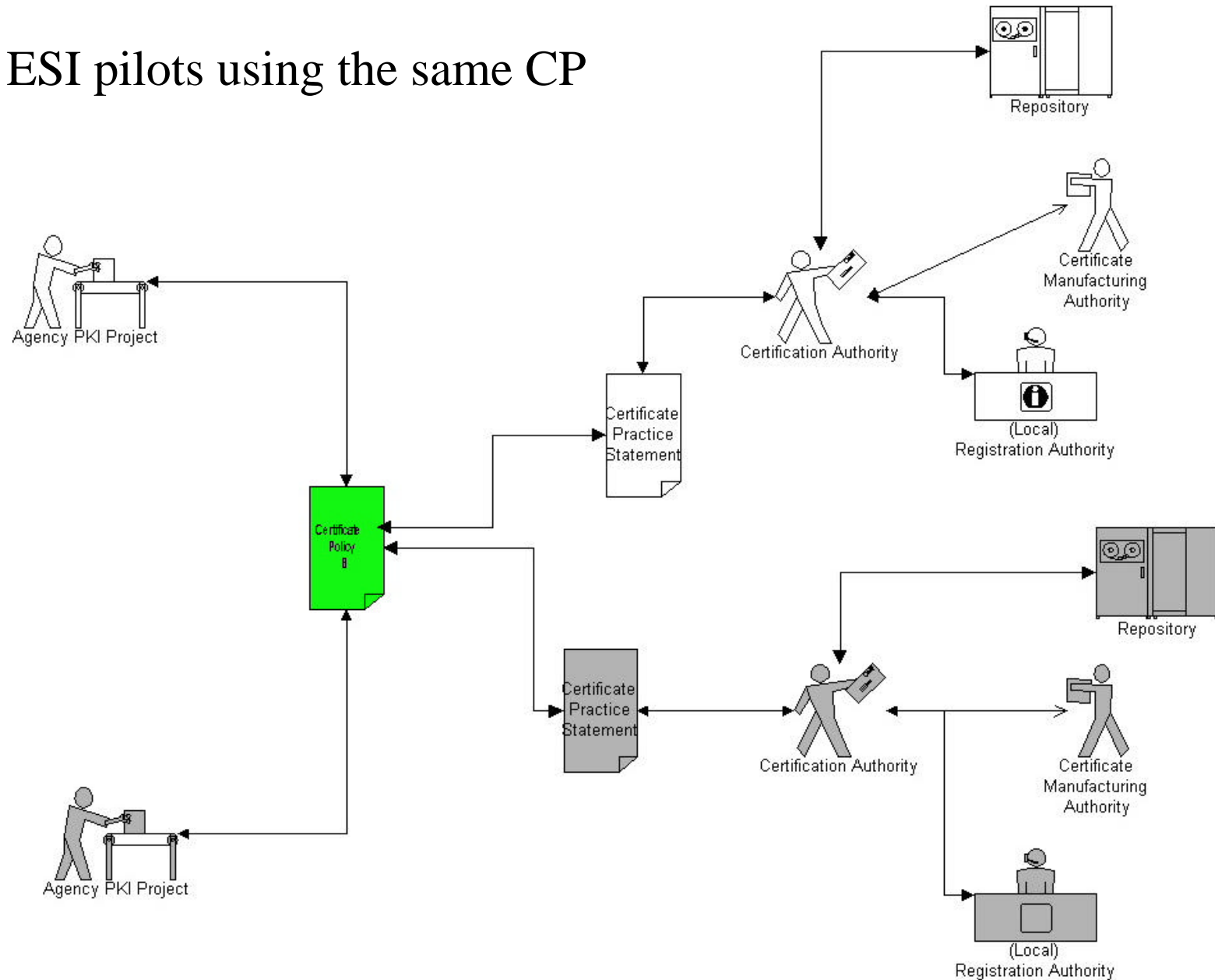
## An ESI project



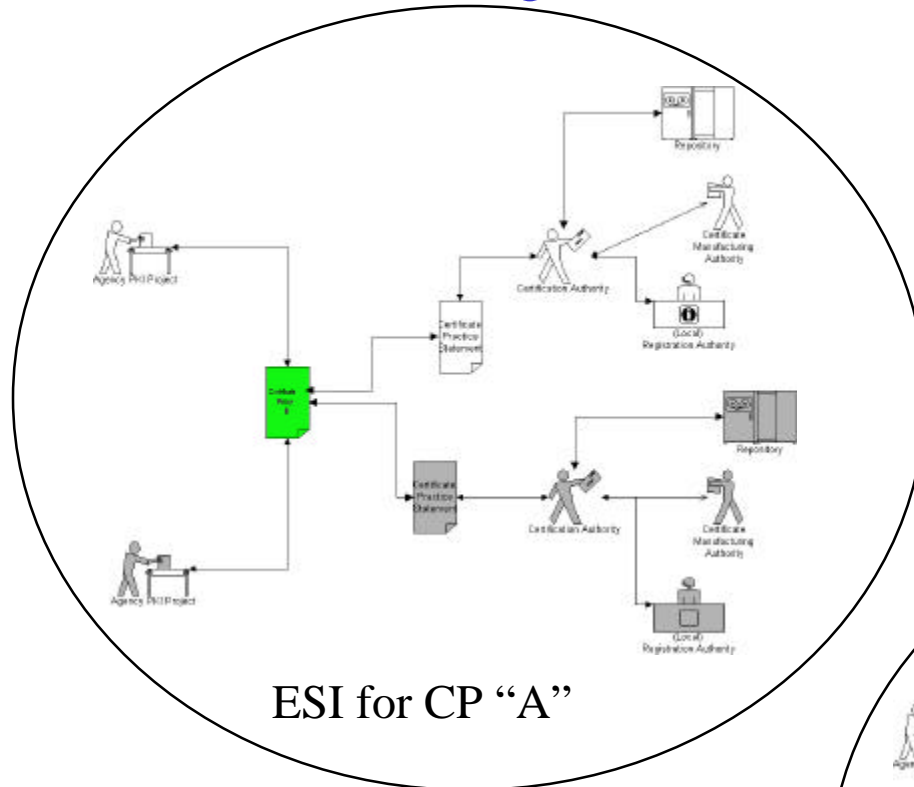


# What is an electronic signature?

## Two ESI pilots using the same CP



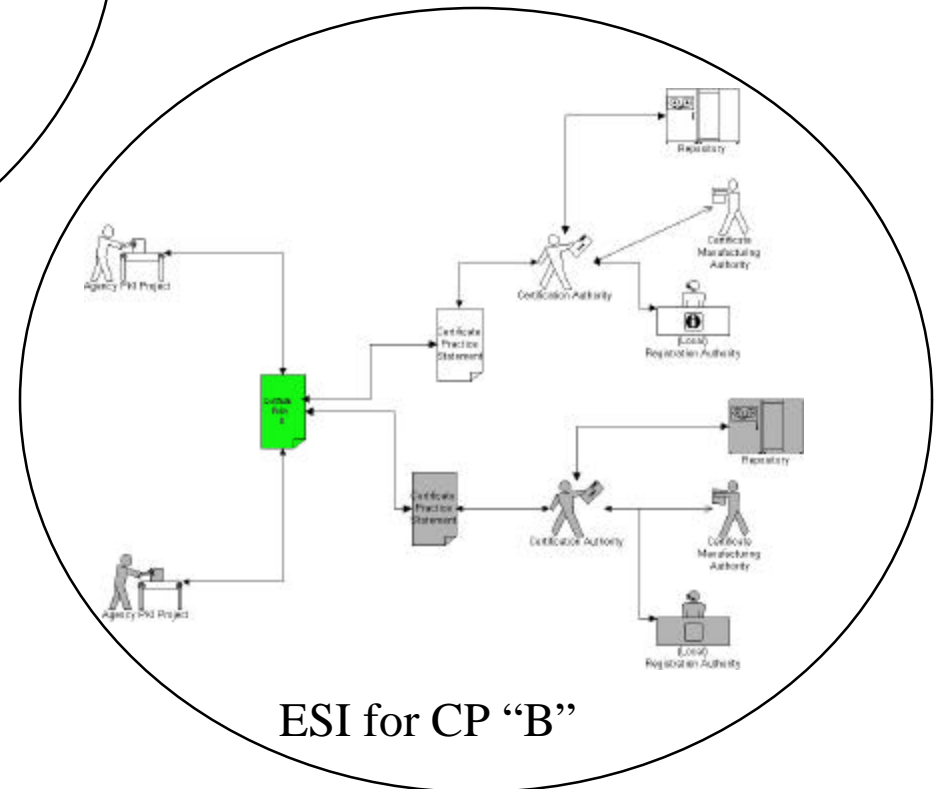
## What is an electronic signature?



ESI for CP "A"

The AESI consists of several collections of projects (ESIs) organized around different Certificate Policies (CPs).

## Arizona Electronic Signature Infrastructure (AESI)



ESI for CP "B"